

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:16 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 483 Const Calendar Day: 248 Date: 07-Feb-2013 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 05:45 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Cable Band Bolting**

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Tensioning of cable band (CB) bolts
- Painting of suspender ropes & main Cable

Today I was inspecting Mike Draper's crew on final tensioning of CB bolts. See the diaries of R. Granados & S. Soheilifard for additional details of Cable field work.

- I arrived at the pier-7 office at 07:00.
- From 07:00 until 08:00, I checked email, & prepared for the weekly safety meeting.
- From 08:00 until 08:30, I was the presenter at the weekly safety meeting. The topic was methacrylate, which will be used as part of the polyester concrete overlay of the bike path.
- At 08:45, I arrived at the bridge. At this time, the crews were waiting in the break room connex boxes because it was raining. I spoke with Roman Granados, & he mentioned that Mike's crew had tensioned up to PP 66S.
- At 09:30, the rain stopped, & work resumed.
- From 09:50 until 10:00, Mike's crew tensioned the CB bolts at PP 68S. They used the bolt-tight jacks, & brought the pressure up to 19,400 psi (about 1.1 MN). They cycled up to 19,400 psi 3 times. Then the crew moved the pump & jacks to PP 70S.
- From 10:50 until 11:00, Mike's crew tensioned the CB bolts at PP 70S. They used the bolt-tight jacks, & brought the pressure up to 19,400 psi (about 1.1 MN). They cycled up to 19,400 psi 3 times. Then the crew moved the pump & jacks to PP 72S.
- From 11:30 until 11:40, Mike's crew tensioned the CB bolts at PP 72S. They used the bolt-tight jacks, & brought the pressure up to 19,400 psi (about 1.1 MN). They cycled up to 19,400 psi 3 times. Then the crew moved the pump & jacks to PP 74S.
- From 12:00 until 12:30, lunch.
- From 12:50 until 13:00, Mike's crew tensioned the CB bolts at PP 74S. They used the bolt-tight jacks, & brought the pressure up to 19,400 psi (about 1.1 MN). They cycled up to 19,400 psi 3 times. Then the crew moved the pump & jacks to PP 76S.
- From 13:20 until 13:30, Mike's crew tensioned the CB bolts at PP 76S. They used the bolt-tight jacks, & brought the pressure up to 19,400 psi (about 1.1 MN). They cycled up to 19,400 psi 3 times.
- From 13:30 until 14:30, Mike's crew removed the jacking equipment from the South main-span catwalk.
- From 14:30 until 15:30, Mike's crew moved the jacking equipment up onto the North side-span catwalk at PP 18S. - Note: the CB bolts on the South side-span from PPs 20N through 40N were previously final tensioned. They still need to do final tensioning on the CB bolts from PP 8S to PP 18S.
- From 15:30 until the end of the shift, Mike's crew removed the masking tape that the painters had placed



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Inspector Name Wright, Doug

Diary #: 483

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over the bolt threads (see attached photo). Also, they started to set up the jacks & pump.  
- At 17:00, I spoke with Alex Schmitt to inform him the CB bolts on PPs 64S, 66S, 68S, 70S, 72S, 74S, 76S, & 78S were tensioned today. Extensometer measurements will be taken on these bolts tonight.  
- At 17:10, I left the bridge.  
- From 17:20 until 17:45, I wrote my diary for the day & checked email.  
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04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker		THADDEUS BOOKER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JAMES MIRANDA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL DRAPER	8.00	2.00	0.00	10.00		<input type="checkbox"/>

### Attachment



Painters masking tape needed to be removed to install jacks for final tensioning